

the Mills Lead Company's Reply to the late Navy-Board's Report to the Lords and with the Proceedings relating thereto amongst other things, printed Merchant-Men into the Dock after their several Voyages perform'd; Asserted Objections if they had any before they went out, while their Sheathings might be near a fair and open Test.

Only ill effects, both from the thing it self, (by the damage to the Plank and charge of Graving and short duration, it being only an Entertainment for the to purchase that, whilst our Lead which might be improv'd much better for

or cast Sheets, between Rollers, down to any degree of Thinness required; and was not fit for, as in particular, this (as thin as a Shilling) for Sheathing of that there wanted nothing but a Nail of an agreeable Mettle to fasten this Lead (that the Lead eates the Iron) and having upon various Trials fix'd upon a Plank being no damage to the Plank, and by the roughness of the Shank (being of common Sense) concluded at first sight, that this being Mettal which the Worm justify'd their expectation by Experience upon 20 Ships of the Royal Navy both before and after their Voyages perform'd, as they have Certify'd: tho'

ly approved thereof, encouraging the Inventors to get an Act of Parliament, that dealt in the Materials of Wood-Sheathing, having raised many Objections, and lying on the Ground, &c. the Navy-Board for abundant cause, having Sheathed 10 Ships, within that time, most of which being re-
1775, in a most solemn Manner, under the Seal of their Office, entered their Act of Parliament; Declaring in the Preamble of their Contract, *that they were preserving Ships against the Worm.*

nd, but then it was, that the Shipwrights (who were not much concern'd in Merchants, where they Sheath at least 6 or 700 Ships a year, and in which some Venomous Quality in it, that did in a very extraordinary manner Eat and received Complaints of it at kind from abroad, which might be, and no to take notice to their Commanders of their Ruddar-Irons, (especially if g as others) and pretend that they were more than ordinarily eaten, that the Buiness, the Captain may at length believe him, and so write home accordingly, as the same must have appeared to that Navy Board upon an Oc-
Reply, if no other Evidence had appeared therein, and which they thought

ngth obstinately Efpous'd by that Navy-Board, the Milld Lead Company a-
4. of their said *Reply*, offer'd to them (which they had done also to the Lords
1 from their several Yards, of all the Ruddar-Irons that had been put on, De-
that they had lifted as long upon Lead-Sheathed Ships as the rest, taking one
the Dispute; And being prest therein, they did indeed at length issue out
tored the Lead-Sheathing to their deserv'd Approbation as above, when they
nough to have discover'd this extraordinary Decay of the Iron-work, if there
lots have pleaded for their discontinuing it ever since; and thereby have sav'd
ly made out: a much better Service to the Publick, than their Report to the
t only.

Suggestion any longer, they concealed it from the Company, pretend-
and to all further Enquiry fell; but this Return being afterwards discover'd,
be false and groundless, as follows.

from without, the Lead-Sheathing, Wood-Sheathing, or no Sheathing being all and Operation upon the Ruddar-Irons, and the Decays be constant to them, that the Decays in the Iron-work of no two Ships of any kind, or even

of the Ruddar-Irons extraordinary Decay must come from *within* the Body of Iron, *Swedish, Spanish* and *English*, in the several Sorts of his Work, which the less Mony (selling all by weight) he receives for it, and the longer his Iron-work to be equally Good and Servicable, unless you can suppose much as their difference is, must be the difference in their Duration. Ships are very different and various from one another, and each one even from by this Return they always did upon other Ships whether Sheathed or not than Wood-Sheathing or no Sheathing, which was to be prov'd.

been discontinued in the Navy, that Objection being removed and fairly demonstrated to be; what can hinder the Lead-Shearings being re-stored at so vast a loss to the Publick, all other Objections being totally destroyed, the old Objections again, would be ridiculous, and deserves no Answer; It is, but barely this of its supposed destructive Quality to the Iron-work

Publick, as well as the small Charge to provide against it; as in pag. 42. Water are eaten by the Lead-Sheathing, be it so, it does not Ear them up s, as in pag. 42. it was but having a fresh Set of Ruddar-Irons ready had been occasion.

and, for about 8 Years, by their Order of 27 March 1679,

An Abstract of the Ruddar-Irons of the Ships abovementioned, that return'd into Debtford Yard to be Repair'd, mark'd * the rest being supposed to be Repair'd in some other Yard, whereby, however the great Variety of the Ruddar-Irons Decays may appear, tho' their Duration only from these.

Ships Names	When put on, or men.	When Shift. or Repair.	Time of last
Pearl,	July 1671	Nov. 1675	Y: M
Const. War.	Jan. 1671	Sept. 1675	4 4
Garland.	Jan. 1671	Dec. 1674	3 8
Kath. Yacht	Febr. 1671	Nov. 1676	2 8
Portf. Frig.	May 1672	Nov. 1673	4 9
* Foresight	Jan. 1671	Aug. 1674	1 7
Ana Yacht	July 1672	Nov. 1676	4 4
Castle Fire S.	Sept. 1672	15 Mar. 77	5 6
Drake	Nov. 1672	April 1674	1 7
Fanfan	April 1673	Aug. 1678	5 4
Charb. Sloop	June 1673	July 1677	4 1
Soldados	Sept. 1673	June 1675	1 9
Kitchin Yacht	an. 1673	Sept. 1678	3 3
Debif. Ketch	an. 1674	July 1675	1 6
Quaker Ketch	26 Mar. 75	April 1678	1 2

* This Ship was Sheathed with Lead August 1674, when her Ruddar-Iron lasted about 5 Years, Vid. Reply. Pag.

The Certificates abovementioned and other Evidence, with a particular Account of the Use and Abuse of this Invention, and of the hard Usage of the Inventors from time to time, in favour of its Enemies; and by what Artifice and Interest the Progress thereof has been Obstructed, they may in due time be made public, and serve as a Reply for Satisfaction of the Publick, and those that dispose of their own Money.